



## Quick Installation Guide



**TE100-S16**  
**TE100-S24**

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# 1. Before You Start



## Package Content

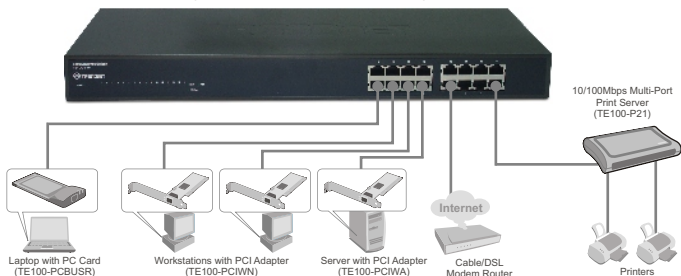
- TE100-S16/TE100-S24
- Quick Installation Guide
- Power Cord
- Rack Mount Kit

## Installation Requirements

- Computer with Network adapter installed
- An environment that is fairly cool and dry
- An environment that is free from strong electromagnetic field generators (such as motors), vibration, dust and direct exposure to sunlight
- Leave at least 10 cm of space at the front and rear of the Switch for ventilation
- EIA Standard, 19 inch rack or sturdy, level surface that can support the weight of the Switch

## Application

### 16/24 Ports 10/100Mbps Fast Ethernet Switch (TE100-S16 or TE100-S24)



## 2. Hardware Installation

1. Connect the **Power Cord** to the TE100-S16/TE100-S24 and then to a power outlet.



2. Connect a CAT-5 RJ-45 network cable from the computer to an available Ethernet port on the TE100-S16/TE100-S24



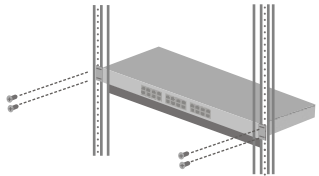
## Rack Mount

The Switch can be mounted in an EIA standard-size, 19-inch rack, which can be placed in a wiring closet with other equipment.

3. Attach the mounting brackets to both sides of the switch and secure them with the provided screws.



4. Carefully position the switch onto the rack. Align the bracket to the screw holes on the rack, then use the screws provided with the equipment rack to mount the switch.



General	
<b>Standards</b>	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3x Full-Duplex Flow Control
<b>Protocol</b>	CSMA/CD
<b>Data Transfer Rates</b>	Ethernet: 10Mbps (Half-Duplex), 20Mbps (Full-Duplex) Fast Ethernet: 100Mbps (Half-Duplex), 200Mbps (Full-Duplex)
<b>Topology</b>	Star
<b>Network Cables</b>	Ethernet: UTP/STP CAT-3, 4, 5 Fast Ethernet: UTP/STP CAT-5, 5E, 6
<b>Number of Ports</b>	16 or 24 x 10/100Mbps Auto-negotiation, Auto-MDIX

Performance	
<b>Transmission Method</b>	Store-and-forward
<b>Switching Capacity</b>	TE100-S16 : 3.2Gbps TE100-S24 : 4.8Gbps
<b>Packet Filtering/ Forwarding Rate</b>	Ethernet: 14,880pps (packet per second) Fast Ethernet: 148,800pps (packet per second)
<b>MAC Address Learning</b>	Self-learning, Auto-aging
<b>RAM Buffer</b>	TE100-S16: 512Kbits per device TE100-S24: 2.5Mbits per device
<b>Filtering Address Table</b>	8K entries per device

## Physical and Environmental

<b>Power</b>	100-240VAC. 50/60Hz. Internal Power Supply
<b>Power Consumption</b>	TE100-S16: 6W (Max) TE100-S24: 10W (Max)
<b>Temperature</b>	Operating: 0° ~ 40° C, Storage: -10° ~ 70° C
<b>Humidity</b>	Operating: 10% ~ 90%, Storage:5% ~ 90%
<b>Dimensions (L x W x H)</b>	440 x 140 x 44 mm
<b>Weight</b>	2kg
<b>Certification</b>	FCC, CE

**Q1: After connecting the Switch to a power outlet, the LEDs do not turn on.**

**A1:** Check the connection of the external power adapter to the TE100-S16/TE100-S24 and the power outlet. Also check that the power outlet is receiving power.

**Q2: When I connect a computer to the Switch's port, the LINK/ACT LED turns on, but the 100Mbps LED remains off.**

**A2:** When the 100Mbps LED remains off, the computer's connection speed is 10Mbps.

**Q3: After I connect my PCs to the Switch, I am unable to share files.**

**A3:** First, check the LEDs on the Switch. Make sure the LINK/ACT LED is on. Second, check the network cable. The minimum length of the cable is 1.5 meters and the maximum length of the cable is 100 meters. Third, disable any software firewall program. Fourth, verify that you have file sharing enabled. Please contact your operating system provider for more information.

**Q4: After I connect my PCs to the Switch, I can only get onto the Internet from one computer.**

**A4:** The Switch was not designed to share Internet between multiple computers. You need to install an Internet router such as the TRENDnet TW100-S4W1CA.

If you still encounter problems or have any questions regarding the TE100-S16/TE100-S24 please contact TRENDnet's Technical Support Department.



## Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

### **TE100-S16/TE100-S24 - 5-Year Warranty**

If a product does not operate as warranted above during the applicable warranty period, TRENDnet shall, at its option and expense, repair the defective product or deliver to customer an equivalent product to replace the defective item. All products that are replaced will become the property of TRENDnet. Replacement products may be new or reconditioned.

TRENDnet shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to TRENDnet pursuant to any warranty.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product through any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet office within the applicable warranty period for a Return Material Authorization (RMA) number, accompanied by a copy of the dated proof of the purchase. Products returned to TRENDnet must be pre-authorized by TRENDnet with RMA number marked on the outside of the package, and sent prepaid, insured and packaged appropriately for safe shipment.

WARRANTIES EXCLUSIVE: IF THE TRENDNET PRODUCT DOES NOT OPERATE AS WARRANTED ABOVE, THE CUSTOMER'S SOLE REMEDY SHALL BE, AT TRENDNET'S OPTION, REPAIR OR REPLACEMENT. THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. TRENDNET NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE OR USE OF TRENDNET'S PRODUCTS.

TRENDNET SHALL NOT BE LIABLE UNDER THIS WARRANTY IF ITS TESTING AND EXAMINATION DISCLOSE THAT THE ALLEGED DEFECT IN THE PRODUCT DOES NOT EXIST OR WAS CAUSED BY CUSTOMER'S OR ANY THIRD PERSON'S MISUSE, NEGLIGENCE, IMPROPER INSTALLATION OR TESTING, UNAUTHORIZED ATTEMPTS TO REPAIR OR MODIFY, OR ANY OTHER CAUSE BEYOND THE RANGE OF THE INTENDED USE, OR BY ACCIDENT, FIRE, LIGHTNING, OR OTHER HAZARD.

LIMITATION OF LIABILITY: TO THE FULL EXTENT ALLOWED BY LAW TRENDNET ALSO EXCLUDES FOR ITSELF AND ITS SUPPLIERS ANY LIABILITY, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, PERFORMANCE, FAILURE, OR INTERRUPTION OF THE POSSIBILITY OF SUCH DAMAGES, AND LIMITS ITS LIABILITY TO REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID, AT TRENDNET'S OPTION. THIS DISCLAIMER OF LIABILITY FOR DAMAGES WILL NOT BE AFFECTED IF ANY REMEDY PROVIDED HEREIN SHALL FAIL OF ITS ESSENTIAL PURPOSE.

Governing Law: This Limited Warranty shall be governed by the laws of the state of California.

Note: AC/DC Power Adapter, Cooling Fan, and Power Supply carry 1-Year Warranty

## Certifications

This equipment has been tested and found to comply with FCC and CE Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received. Including interference that may cause undesired operation.



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with you Local Authority or Retailer for recycling advice.



**NOTE:** THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

### ADVERTENCIA

En todos nuestros equipos se mencionan claramente las características del adaptador de alimentación necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños físicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energía eléctrica domiciliar existente en el país o zona de instalación.



## TRENDnet Technical Support

### US • Canada

**Toll Free Telephone:** 1(866) 845-3673  
24/7 Tech Support



### Europe (Germany • France • Italy • Spain • Switzerland • UK)

**Toll Free Telephone:** +00800 60 76 76 67  
English/Espanol - 24/7  
Francais/Deutsch - 11am-8pm, Monday - Friday MET

### Worldwide

**Telephone:** +(31) (0) 20 504 05 35  
English/Espanol - 24/7  
Francais/Deutsch - 11am-8pm, Monday - Friday MET

## Product Warranty Registration

Please take a moment to register your product online.  
Go to TRENDnet's website at <http://www.trendnet.com>

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